

Message Text

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43

ACTION EUR-12

INFO OCT-01 ISO-00 EURE-00 ACDA-10 CEQ-01 CIAE-00 DOTE-00

EPA-04 HEW-06 HUD-02 INR-07 INT-05 L-03 NSAE-00

NSC-05 NSF-02 OIC-02 PA-02 PM-04 PRS-01 SAJ-01 OES-05

SP-02 SS-15 TRSE-00 USIA-15 FEAE-00 ERDA-07 ERDE-00

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P 031740Z NOV 75

FM AMEMBASSY LONDON

TO SECSTATE WASHDC PRIORITY 6117

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PASS ERDA FOR GEORGE THUR

E.O. 11652: N/A

TAGS: CCMS, SENV, ENRG

SUBJ: CCMS: 1975 LOW POLLUTION POWER SYSTEMS

GEORGE DONALD, DEPT. OF ENVIRONMENT, HAS ASKED THAT FOLLOWING MESSAGE BE PASSED TO GEORGE THUR, ACTING ASST.

DIRECTOR FOR HIGHWAY VEHICLE SYSTEMS, ERDA:

BEGIN QUOTE:

ABSTRACT ON UI PRESENTATION ON PROGRAM STATUS TO LPPSD SYMPOSIUM IN ROME

THE UK REPORT WILL SET OUT DETAILS OF WORK PROGRAM STATUS ON CERTAIN GOVERNMENT RESEARCH AND DEVELOPMENT INTO TRANSPORT VEHICLES AND SYSTEMS COVERING THE FOLLOWING ITEMS:

QUIET HEAVY GOODS VEHICLE

THE 80D B(A) TARGET HAS BEEN MET BY ONE PROTOTYPE.

WORK IS CONTINUING ON OTHER VEHICLES AND ON WAYS OF REDUCING ENGINE ASSOCIATED NOISE AND TYRE NOISE.

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SODIUM-SULPHUR BATTERIES

NEARLY ENGLISH POUNDS 3 MILLION HAS BEEN ALLOCATED FOR RESEARCH BY A NUMBER OF PARTIES OVER THE NEXT FOUR YEARS INTO DEVELOPING A SODIUM-SULPHUR BATTERY PRODUCING ALMOST FIVE TIMES AS MUCH ENERGY AS A CONVENTIONAL LEAD ACID BATTERY OF THE SAME WEIGHT.

THE VAPIPE PROGRAM
TESTS ARE CONTINUING BUT TO DATE NO RESULTS CAN BE MADE AVAILABLE.

THE STRATIFIED CHARGE ENGINE
INVESTIGATIONS SHOW THAT MICRO-TURBULENCE IN THE CYLINDER SIGNIFICANTLY IMPROVES MIXTURE IGNITION AND FLAME PROPAGATION PROPERTIES.

DIESEL ENGINE EXHAUST ODORS
THE REPORT ON THIS WORK HAS BEEN WRITTEN CONCLUDING THIS PROGRAM. A FURTHER PROGRAM IS BEING CONSIDERED LEADING ON FROM THESE FINDINGS.

CATALYST RESEARCH PROJECT
THE OBJECTIVE IS TO STUDY THE CAPABILITY OF CURRENT TECHNOLOGY WITH RESPECT TO AUTOMOTIVE EXHAUST CATALYSTS. THE USE OF WEAKER MIXTURES AND LOADED PETROL IS AN IMPORTANT ASPECT OF THIS WORK.

IN-CAR ENERGY CONSUMPTION ANALYSIS
TOTALLY MOBILE ANALYSIS EQUIPMENT HAS BEEN INSTALLED IN A CAR TO RECORD POWER, ENERGY CONSUMPTION AND OTHER RELATED INFORMATION.

VEHICLE UTILISATION
THE OBJECTIVE IS TO PROVIDE INFORMATION ON THE POSSIBLE EFFECTS OF LEGISLATION ON FUEL CONSUMPTION AND TO PROVIDE MANUFACTURERS WITH INFORMATION WHICH WILL INSIST IN DESIGNING FOR ECONOMY.

TRANSPORT AND RESOURCES TO 2010
THIS STUDY AIMS TO PREDICT UK TRANSPORT NEEDS AND RELATED ENERGY REQUIREMENTS FOR A RANGE OF POSSIBLE
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FUTURES. END QUOTE

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